

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20030085962".pn. and small and gradation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:13
L2	3926	(347/9,10,11,14,68).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 09:11
L3	2613	L2 and (pzt piezo\$ transducer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L4	723	L2 and (pzt piezo\$ transducer)and (actuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L5	3926	(347/9,10,11,14,68).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 09:11
L6	723	L5 and (pzt piezo\$ transducer)and (actuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L7	55	L5 and (pzt piezo\$ transducer)and (actuator near control\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L8	123	iwao-naoto.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L9	4	matsumoto-ayumu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L10	14	iwao-naoto.in. and (actuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11

L11	27	("4104646" "4112433" "4266232" "4291316").PN. OR ("4369455").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 09:11
L12	36	("4104646" "4161670" "4284996" "4352114" "4369455" "4393384" "4424520" "4491851" "4509059" "4523201" "4532200" "4563689" "4577201" "4639735" "4714935" "4716418" "4743924" "4752790").PN. OR ("4897665").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 09:11
L13	260617	"36" and pulse!	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L14	33	L12 and pulse!	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L15	18	L12 and (pulse! adj width!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L16	11	L12 and ((pulse! adj width!) same voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L17	9	L12 and ((pulse! adj width!) with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L18	36606	((pulse! adj width!) with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L19	3777	((pulse! adj width!) with voltage) and (pzt piezo\$ transducer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L20	799	L19 and actuator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11

L21	28	propagat\$4 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L22	23	(US-20010043242-\$ or US-20040095404-\$ or US-20030164868-\$ or US-20010043241-\$).did. or (US-4369455-\$ or US-4897665-\$ or US-6257685-\$ or US-6527354-\$ or US-5764256-\$ or US-4563689-\$ or US-6419336-\$ or US-6412923-\$ or US-6386665-\$ or US-6350003-\$ or US-6254213-\$ or US-6099103-\$ or US-5903286-\$ or US-5736994-\$). did. or (JP-11020165-\$ or JP-11170516-\$ or JP-2001310461-\$ or JP-2001315330-\$ or JP-2001322272-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2005/08/17 09:11
L23	15	L22 and propagat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L24	2	("6488358").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 09:11
L25	120	347/10.ccls. and (pzt pezo\$ transducer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L26	14	(347/10.ccls. and (pzt pezo\$ transducer)) and propaga\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L27	3926	(347/9,10,11,14,68).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 09:11
L28	2613	L27 and (pzt piezo\$ transducer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11

L29	6096	(pzt piezo\$ transducer) and (actuator) and (propagat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L30	3350	((pzt piezo\$ transducer) with (actuator)) and (propagat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L31	39	((((pzt piezo\$ transducer) with (actuator)) and (propagat\$4)) with pulse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L32	20	(((((pzt piezo\$ transducer) with (actuator)) and (propagat\$4)) with pulse) not 347/9,10,11,68.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L33	3243	(((((pzt piezo\$ transducer) with (actuator)) and (propagat\$4))) not 347/9,10,11,68.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L34	20	(((((pzt piezo\$ transducer) with (actuator)) and (propagat\$4))) and 310/311.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L35	444	(propagat\$4) and (347/9,10,11,68, 14.ccls. 310/311.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L36	124	(pulse same propagat\$4) and (347/9,10,11,68,14.ccls. 310/311.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L37	115	(347/9,10,11,68.ccls.) and ((pulse adj width) same (chamber chanel))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L38	117	(347/9,10,11,68.ccls.) and ((pulse adj width) same (chamber chanel cavity))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11

L39	4	((("5805177") or ("5736994"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 09:11
L40	39	(347/9,10,11,68.ccls.) and (((pulse adj width) same (chamber chanel cavity)) same (less greater shorter equal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L41	3	("5805177" "6086189" "6217159").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 09:11
L42	5	((("6260959") or ("6523932"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 09:11
L43	5	((("6260959") or ("6523923"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/17 09:11
L44	1	(US-6099103-\$.did.	USPAT	OR	ON	2005/08/17 09:11
L45	1	L44 and nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L46	1	L44 and (nozzle same chamber)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L47	2	"20040090476".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L48	6	(347/9,10,11,68.ccls.) and (((pulse adj width) same (chamber chanel cavity)) same (microsecond (micro adj second)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L49	6	(347/9,10,11,68.ccls.) and (((pulse adj width) same (chamber chanel cavity)) same (microsecond (micro adj second ".mu.s")))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11

L50	117	((pulse adj width) same (chamber chanel cavity)) same (microsecond (micro adj second ".mu.s")))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L51	1035	((propagation same time) same (microsecond (micro adj second ".mu.s")))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L52	11	"347".clas. and ((propagation same time) same (microsecond (micro adj second ".mu.s")))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L53	24	"347".clas. and ((propagation same time) same (microsecond ms (micro adj second) ".mu.s"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L54	24	"347".clas. and ((propagation same time) same (microsecond ms (micro adj second) ".mu.s" "m/sec"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L55	6	"347".clas. and (((one adj way) one-way) near propagation) same (microsecond ms (micro adj second) ".mu.s"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L56	46	"347".clas. and (((one adj way) one-way) near propagation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L57	0	".mu.sec."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L58	0	".mu.s"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L59	6	"347".clas. and (((one adj way) one-way) near propagation) same (microsecond ms (micro adj second) mu))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11

L60	198881	mu	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L61	1616	"347".clas. and (pressure adj wave) and (microsecond (micro adj second) ms mu)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L62	96	"347".clas. and (pressure adj wave) same (microsecond (micro adj second) ms mu)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L63	1	"6099103".pn. and gradation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L64	2	11-170515	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L65	29	(US-20010043241-\$ or US-20010043242-\$ or US-20020036667-\$ or US-20030164868-\$ or US-20040095404-\$ or US-20050024400-\$ or US-20040090476-\$).did. or (US-4369455-\$ or US-4563689-\$ or US-4897665-\$ or US-5736994-\$ or US-5764256-\$ or US-5903286-\$ or US-6099103-\$ or US-6254213-\$ or US-6257685-\$ or US-6296341-\$ or US-6350003-\$ or US-6386665-\$ or US-6412923-\$ or US-6419336-\$ or US-6464315-\$ or US-6488349-\$ or US-6527354-\$).did. or (JP-11020165-\$ or JP-11170516-\$ or JP-2001310461-\$ or JP-2001315330-\$ or JP-2001322272-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2005/08/17 09:11
L66	3	L65 and (waveform same gradation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11

L67	13	L65 and (waveform and gradation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L68	819	(gradation and (pulse adj generator))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L69	186	((pixel same gradation) and (pulse adj generator))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L70	0	"20040090476".pn. and ((droplet adj volume) same determinin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L71	1	"20040090476".pn. and ((droplet adj volume) same determining)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L72	28	((droplet adj volume) same determining)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L73	29	(US-20010043241-\$ or US-20010043242-\$ or US-20020036667-\$ or US-20030164868-\$ or US-20040095404-\$ or US-20050024400-\$ or US-20040090476-\$).did. or (US-4369455-\$ or US-4563689-\$ or US-4897665-\$ or US-5736994-\$ or US-5764256-\$ or US-5903286-\$ or US-6099103-\$ or US-6254213-\$ or US-6257685-\$ or US-6296341-\$ or US-6350003-\$ or US-6386665-\$ or US-6412923-\$ or US-6419336-\$ or US-6464315-\$ or US-6488349-\$ or US-6527354-\$).did. or (JP-11020165-\$ or JP-11170516-\$ or JP-2001310461-\$ or JP-2001315330-\$ or JP-2001322272-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2005/08/17 09:11

L74	18	L73 and small	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L75	2	L73 and ((large near small) (medium near small))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L76	1023	gradation and ((large near small) (medium near small))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L77	169	"347".clas. and gradation and ((large near small) (medium near small))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/17 09:11
L78	105	"347".clas. and gradation and ((large near small) (medium near small))	USPAT	OR	ON	2005/08/17 09:11